

Concrete Admixtures

PRODUCT INFORMATION

PC-R

Special Set Retarder for polycarboxylate superplasticizer

Use

This product is suitable for improving the performance of polyether superplasticizer, including improving the adaptability of polyether superplasticizer to cement in concrete, improving the stability of water reducing agent, reducing concrete bleeding, reducing high grade concrete viscosity, improve the concrete pumping. This product can also reduce the amount of water-reducing agent.

Typical Properties

Items	Specification
Visual Appearance	Light yellow viscous liquid
Chloride ion content (by solid content),%	≤0.6
Na ₂ O+0.658K ₂ O (by solid content), %	≤5.0
Solid content, %	55.0±2
Density (g/cm ³)	1.12±0.02 g / cm ³
pH value	8.0 ± 0.5
Na ₂ SO ₄ content (by solid content),%	≤ 4.0
Formaldehyde content (by solid content),%	≤ 0.05

Characteristic

1. to improve the adaptability of cement;
2. reduce the slump loss; incorporation of pumping agent, can reduce the loss of slump;
3. reduce the bleeding;

4. reduce the viscosity of concrete; the preparation of high-grade concrete, can reduce the viscosity of concrete, improve pumping;
5. reduce the amount of ether superplasticizer: the addition of this product, the ether superplasticizer in the concrete content can be reduced;
6. green products: the production and use of the product does not produce pollution of the natural environment, in line with ISO14000 environmental protection and management of international standards.

Instructions

1. the product cannot be used alone, with PC-F and PC-G can be mixed with a certain percentage. Laboratory data show that PC-F: PC-R = 2.5: 1 or 1:1, PC-G: PC-R = 2: 1.
2. the product is suitable for the formulation of high-performance polyether superplasticizer to improve its high-performance concrete, high strength concrete, large flow of concrete in the application performance.
3. the product should be used in the blending polyether superplasticizer, before use to be tested, qualified products and formulations can be used for concrete production.

Safety Precautions

1. this product is weak alkaline liquid, non-toxic, non-corrosive, environmentally friendly products. But not edible, when exposed to the human body and eyes, should be washed with water as soon as possible, causing allergic to some of the human body should be timely medical treatment.
2. the goods should be stored in a covered container, to avoid the rain leaking and debris mixed with or evaporation of water dry.

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